

**ARIZONA DEPARTMENT OF RACING
LIST OF THRESHOLDS 2014-15**

Highlighted rows indicate changes from 2013-14

PARENT DRUG	THRESHOLD	FLUID	NOTES
Acepromazine	10 ng/ml	Urine	
Albuterol	1 ng/ml	Urine	
Atropine	10 ng/ml	Urine	
Betamethasone	10 pg/ml	Serum/Plasma	
Boldenone	100 pg/ml	Serum/Plasma	
	15 ng/ml	Urine	Males other than geldings
Butorphanol	2 ng/ml	Serum/Plasma	
Clenbuterol	2 pg/ml	Serum/Plasma	
Dantrolene	100 pg/ml	Serum/Plasma	
Detomidine	20 pg/ml	Serum/Plasma	
Dexamethasone	5 pg/ml	Serum/Plasma	
Diclofenac	5 ng/ml	Serum/Plasma	
DMSO	10 mcg/ml	Serum/Plasma	
Firocoxib	20 ng/ml	Serum/Plasma	
Flunixin	50 ng/ml	Serum/Plasma	
Furosemide	100 ng/ml	Serum/Plasma	
Glycopyrrolate	3.5 pg/ml	Serum/Plasma	
Hydrocortisone	1 mcg/ml	Urine	
Isoflupredone	100 pg/ml	Serum/Plasma	
Isoxsuprine	50 ng/ml	Serum/Plasma	
Ketoprofen	10 ng/ml	Serum/Plasma	
Lidocaine	20 pg/ml	Serum/Plasma	RMTC Recommendation
Meclofenamic Acid	1 mcg/ml	Serum/Plasma	
Mepivacaine	20 pg/ml	Serum/Plasma	RMTC Recommendation
Methocarbamol	1 ng/ml	Serum/Plasma	
Methylprednisolone	100 pg/ml	Serum/Plasma	
Nandrolone	100 pg/ml	Serum/Plasma	Fillies, mares, geldings
	500 pg/ml	Serum/Plasma	Intact males
	1 ng/ml	Urine	
Naproxen	2 mcg/ml	Serum/Plasma	
Prednisolone	1 ng/ml	Serum/Plasma	
Phenylbutazone	5 mcg/ml	Serum/Plasma	
Procaine	25 ng/ml	Urine	
Pyrilamine	50 ng/ml	Serum/Plasma	
Salicylates	750 mcg/ml	Urine	

Stanozolol	100 pg/ml	Serum/Plasma	
	1 ng/ml	Urine	
Testosterone	100 pg/ml	Serum/Plasma	Fillies, mares, geldings
	2,000 pg/ml	Serum/Plasma	Intact males
	20 ng/ml	Urine	Geldings
	55 ng/ml	Urine	Fillies and mares
Theobromine	2 mcg/ml	Urine	
Total CO ₂	37 mmol/L	Serum/Plasma	
Triamcinolone	100 pg/ml	Serum/Plasma	
Xylazine	10 pg/ml	Serum/Plasma	

Notes for 2014-15 Turf Paradise Meet:

1. The Department of Racing eliminated the rule forbidding the establishment of thresholds for RCI Class 1 and 2 substances. As a result, both lidocaine and mepivacaine have been added for 2014-15. Previously these were “zero tolerance” substances.
2. Anecdotal reports indicate that withdrawal times when corticosteroids are administered into back leg joints can be longer than those typically recommended for front legs. Most studies to date are based on front fetlock administrations. Until this phenomenon is proven or disproven it is recommended that a sample be tested by the laboratory prior to entry in order to avoid unintended positive tests.
3. Be advised that in the event urine is not obtained from a horse, those drugs with urine-only thresholds will have an effective threshold of the limit of detection for the respective drug in blood utilizing mass spectral methods.
4. Based on anecdotal reports from several Mid-Atlantic States over the summer, caution is urged when methocarbamol and phenylbutazone are administered together. It appears that phenylbutazone slows the elimination of methocarbamol from the blood and may result in unintentionally exceeding the threshold. Unfortunately, as of this writing, there is no specific guidance but would suggest, at a minimum, adding 48 hours to the recommended withdrawal time for methocarbamol when administering concurrently with phenylbutazone.